

ABSTRACT

Disclosed is a displacement type expansion machine. In the displacement type expansion machine, a communicating passage (72) for allowing fluid communication between an expansion-process intermediate position and an outflow position in an expansion chamber (62) is provided thereby to allow the fluid at the outflow side to return to the expansion chamber (62). Such arrangement prevents the pressure of the expansion chamber (62) from being lowered to an excessive extent in predetermined operating conditions, thereby avoiding the drop in power recovery efficiency.